

Appl. No. 10/647,031  
Amdt. dated October 24, 2005  
Reply to Office Action of June 22, 2005

PATENT

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (Original) An immunohistochemically stained tissue or cell sample comprising a ribonucleoside vanadyl complex (RVC) RNase inhibitor applied during said immunohistochemical staining.
2. (Currently amended) A method of inhibiting RNase activity during immunohistochemical staining of a sample, said method comprising the presence of an RNase inhibitor a ribonucleoside vanadyl complex (RVC).
3. (Canceled).
4. (Original) The method of claim 2 wherein said staining is conducted at temperatures below about +15°C.
5. (Original) The method of claim 4 wherein said temperature is +4°C.
6. (Original) The method of claim 2 wherein said staining comprises contacting a primary antibody solution with said sample for less than 5 minutes.
7. (Original) The method of claim 6 wherein said contacting is for about 3 minutes.
8. (Original) The method of claim 2 wherein said staining comprises contacting a primary antibody solution with said sample and further comprises contacting said sample with a reagent that binds said primary antibody for less than 5 minutes.
9. (Original) The method of claim 8 wherein said contacting with a reagent that binds said primary antibody is for about 3 minutes.

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10. (Currently amended) A method of immunohistochemically staining a tissue or cell sample comprising the use of an RNase inhibitor a ribonucleoside vanadyl complex (RVC) during said staining.
11. (Canceled)
12. (Original) The method of claim 10 wherein said staining is conducted at temperatures below about +15°C.
13. (Original) The method of claim 12 wherein said temperature is +4°C.
14. (Original) The method of claim 10 wherein said staining comprises contacting a primary antibody solution with said sample for less than 5 minutes.
15. (Original) The method of claim 14 wherein said contacting is for about 3 minutes.
16. (Original) The method of claim 10 wherein said staining comprises contacting a primary antibody solution with said sample and further comprises contacting said sample with a reagent that binds said primary antibody for less than 5 minutes.
17. (Original) The method of claim 16 wherein said contacting with a reagent that binds said primary antibody is for about 3 minutes.
18. (Currently amended) An improved immunohistochemistry staining method, said improvement comprising the use of an RNase inhibitor a ribonucleoside vanadyl complex (RVC).
19. (Canceled)
20. (Original) The method of claim 18 further comprising an improvement selected from the use of temperatures below about +15°C and the use of reduced incubation times.